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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-00-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
Ye		US-3,929,662	12-30-1975	Boucher, et al.	:			
Ý.		US-5,424,323	06-13-1995	Wachman, et al.	•			
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FOREIGN PATENT DOCUMENTS									
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comparisation.

'Applicant's unique citation designation number (optional). ¹See Kinds Codes of USPTO Patent Occuments at www.uspto.gov or MPEP 901.04. ¹Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

HOV 0 1:2004 US Department Atty. Docket No.: **Application No.:** 056301.P5007 10/769,598 Patent and Trademark Office Applicant: Peter C. Zhu, et al. Filing Date: Form PTO-1449 (Modified) January 30, 2004 **US Patent Documents** Examiner's **Document** Sub-**Initials** Date Number Name Class Class **Filing Date** YC 01/09/62 3,016,328 Pepper et al. 10/14/75 3,912,450 Boucher 07/06/76 3,968,248 Boucher 07/06/76 3,968,250 Boucher 03/13/84 4,436,754 Jacobs 06/03/86 4,592,892 Ueno et al. 09/01/87 Tell et al. 4,690,772 05/16/89 4,831,449 Kimura 07/11/89 4,847,304 Bruckner et al. 07/25/89 4,851,449 Bruckner et al. 11/20/90 4,971,999 Bruckner et al. 7/71992 5,128,051 Theis et al. 03/09/93 5,192,459 Tell et al. 02/14/95 5,389,685 Smith et al 02/27/96 5,494,637 Barlow 07/30/96 5,540,326 Arnold et al. 09/24/96 5,558,841 Nakagawa et al. 10/22/96 5,567,385 Miller et al. 12/23/97 5,700,377 Cox 06/02/98 5,761,069 Weber et al. 01/26/99 5,863,547 Miner **Foreign Patent Documents** Examiner's **Document** Sub-**Initials** Date Number Country Class Class **Translation** Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

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Date Considered

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			Atty. Docket No.:		Annlica	tion No.:	
US	Department of C	commerce	056301.P5007		10/769,		
	ent and Tradema		Applicant:		120.707,		
			Peter C. Zhu, et al.				
]			Filing Date:				
Forr	n PTO-1449 (I	Modified)	January 30, 2004				
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		US Pate	ent Documents				
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Initials	Date	Number	Name	Class	Class	Filing Date	
Yc	08/10/99	5,936,001	Block				
	06/06/00	6,071,972	Block				
	06/27/00	6,080,789	Lutz				
	10/02/01	6,297,285	Lutz				
	10/30/01	6,309,658	Xia et al.				
	10/01/02	6,458,554	Hui et al.				
	10/10/95	DES. 363,019	Arnold et al.				
		Foreign P	atent Documents				
Examiner's		Document			Sub-		
Initials	Date	Number	Country	Class	Class	Translation	
YC .	11/11/97	11-140010	JAPAN			Yes	
	Other Docum	nents (Including	Author, Title, Date, Pert	inent Page	s, etc.)		
ye	1	PA, High Level Di © 2004. Pgs. 1-4.	sinfecting Solution, Tech	nical Info. A	Advanced	l Sterilization	
			peed Has Its Advantages	© ASP© 2	2001, 1 p	og.	
			trieved on 8/7/2003; Retr				
			_&_services/cidex/cidex			1-2.	
			"Sporicidal action of alka				
			•	•	-		
		influencing activity and a comparison with other aldehydes"; Journal of Applied Bacteriology 1990,69, pgs. 261-268.					
	Jose-Luis Sagripanti and Aylin Bonifacino; Food Biological Contaminants; "Effects of						
 		- -	al Activity of Liquid Disi				
 -		• •	997; pgs. 1198 - 1207.	- · •			
Examiner -	Mon Chan		Date Considered //5/	106			

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through the citation if not in conformance and not considered. Include a copy of this form with the next communication to the applicant

US	US Department of Commerce			Atty. Docket No.: Application No.: 056301.P5007 10/769,598					
Pa	tent a	nd Tradema	rk Office	Applicant: Peter C. Zhu, et al.					
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For	m P	ГО-1449 (N	Iodified)	January 30, 2004					
			US Pate	ent Documents					
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Examiner's			Document			Sub-			
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Yc				of Japanese Society of Hos	-				
		1	-	of introduction. "Stability Conditions". Pgs. 55-58	of Ortho-	Phthalalo	dehyde		
		B. Setlow, et	al.; "Mechanisms	of killing spores of Bacillus	subtilis l	oy acid, a	lkai and		
				crobiology 2002, 92, pgs. 3					
		•		vey of Readily Available C			-		
				gical Solutions", Cell Calc					
		l .		of Chemical Disinfection: d Related Compounds", 196	-				
				n of 1, 2, 5, 6-Dibenzocycle					
			•	cal Society, vol 84, 1962 p3					
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Examiner _	Jon	, Chay		Date Considered //5/6	56				

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through the citation if not in conformance and not considered. Include a copy of this form with the next communication to the applicant



Substitute for form 1449A/A/D STATEMENT BY APPLICANT

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Sheet 2 of

Complete if Known				
Application Number	10/769,598			
Filing Date	January 30, 2004			
First Named Inventor	Peter C. Zhu			
Art Unit	Not yet assigned			
Examiner Name	Not yet assigned			
Attorney Docket Number	56301P5007			

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ^a (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
YL		US-4,419,368	12-06-1983	Jones et al.			
1		US-5,866,723	02-02-1999	Hamper et al.			
		US-5,945,451	08-31-1999	Kraatz et al.			
		US-6,461,997	10-08-2002	Hedge et al.			
		US-6,552,203	04-22-2003	Bertenshaw et al.			
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FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,		
	No.'	Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
40		WO 00/24761	05-04-2000	Aventis Pharma Deutschland	Translated Abstract		
W		JP 09/124538	05-13-1997	Japanese Patent Application	Translated Abstract		
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Signature	Joy Clony	Considered //5/06

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'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the Indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Nond of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO PADEMAR **INFORMATION DISCLOSURE**

Application Number 10/769,598 January 30, 2004 Filing Date Peter C. Zhu STATEMENT BY APPLICANT First Named Inventor Art Unit Not yet assigned Examiner Name Not yet assigned Sheet 2 of 2 Attorney Docket Number 56301P5007

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NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T³				
K		Preparation of aromatic polyaldehydes by hydrolysis of gem-dibromides. Li, Mingwei; Fan, Nengting. Beijing No. 1 Light Ind. Inst., Beijing, Peop. Rep. China. Huaxue Shijie (1985), 26(5), 168-70. Journal written in Chinese. Abstract Translated					

Examiner Signature	ny Mong	Date Considered	1/5/06	

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